

**3.10.4 Energy Benchmarks for Newly Constructed Hotels, by Selected City and End-Use (thousand Btu per square foot)**

	<u>IECC Climate Zone</u>	<u>Heating</u>	<u>Cooling</u>	<u>Water Heating</u>	<u>Ventilation</u>
Miami	1A	0.2	50.2	30.1	5.8
Houston	2A	6.4	38.0	37.8	5.9
Phoenix	2B	3.6	34.1	33.4	6.9
Atlanta	3A	11.0	24.2	45.3	5.9
Los Angeles	3B	1.1	17.6	43.8	5.5
Las Vegas	3B	5.8	30.1	38.7	6.7
San Francisco	3C	6.5	7.6	50.2	5.7
Baltimore	4A	20.8	19.8	51.2	6.1
Albuquerque	4B	12.0	19.0	50.1	7.1
Seattle	4C	16.2	8.0	54.2	6.1
Chicago	5A	30.9	15.0	56.3	6.1
Boulder	5B	20.0	12.3	56.1	7.0
Minneapolis	6A	42.7	13.9	60.8	6.2
Helena	6B	33.0	9.6	61.6	6.8
Duluth	7	52.9	7.9	68.2	6.4
Fairbanks	8	89.2	5.9	77.1	6.7

Note(s): Benchmark lighting energy = 11.7 thousand Btu/SF and internal loads = 34.5 thousand Btu/SF.

Source(s): DOE/EERE/BT, Commercial Building Benchmark Models, [http://www1.eere.energy.gov/buildings/commercial\\_initiative/new\\_construction.html](http://www1.eere.energy.gov/buildings/commercial_initiative/new_construction.html), May 2009.